



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Anthony F. Istvan et al.

Confirmation No. 8903

Application No. 09/877,696

Filed: June 8, 2001

For: SYSTEMS AND METHODS FOR ACCESSING INTERACTIVE CONTENT VIA SYNTHETIC CHANNELS

Group Art Unit: 2611

Examiner: Andrew Y. Koenig

Date: April 26, 2006

DECLARATION OF HIROHISA TACHIBANA UNDER 37 CFR § 1.131

- I, Hirohisa Tachibana, hereby declare that:
- 1. At all times relevant to this Declaration, I was General Counsel of Digeo, Inc., assignee in the above-identified application.
- 2. On August 21, 2000, I received an e-mail from Anthony Istvan, one of the named inventors, detailing an invention for including synthetic channels in an electronic program guide ("Invention Disclosure"). A copy of the Invention Disclosure is attached hereto as Exhibit A.
- 3. I forwarded a copy of the Invention Disclosure to outside counsel by e-mail on August 24, 2000.

4. Outside counsel was instructed to prepare each assigned application,

including the above-identified application, as expeditiously as possible.

5. Outside counsel was not instructed assign a higher or lower priority to the

above-identified application than other assigned applications.

6. On information and belief, the present application was not treated any

differently from other assigned applications.

7. A total of 112 applications were filed through outside counsel between

August 21, 2000 and June 8, 2001. A copy of the assignee's docket report from the

relevant period is attached hereto as Exhibit B.

8. The approximately 9 ½ month delay in filing between August 21, 2000 and

June 8, 2001 was attributable the backlog of the 112 other cases to be filed by the

assignee.

9. I declare that those statements made of my own knowledge are true, and

that all statements made on information or belief are believed to be true. This

declaration is being made knowing that willful false statements and the like are

punishable by fine or imprisonment, or both (18 U.S.C. § 1001) and may jeopardize the

validity of the application or any patent issuing thereon.

Hirohica Tachihana

Date: April 26, 2006

EXHIBIT A

From:

"Hiro Tachibana" <hiro@digeo.com>

To:

"James K. Okamoto" <jkokamoto@townsend.com>

Date:

Thu, Aug 24, 2000 3:39 PM

Subject:

FW: More Patents

James, can you give me a call? Hiro

-----Original Message-----

From: Tony Istvan [mailto:tony@digeo.com] Sent: Monday, August 21, 2000 8:33 AM

To:

Steven Young; Hiro Tachibana; Jim Billmaier; Robert Novak

Subject:

More Patents

Here are some more patent ideas. Please assign the necessary legal resources. The first two are related, but I wanted to separate the one with specific EPG usage out since it will no doubt be challenged by TV Guide/Gemstar at some point.

Thanks,

Tony

Real Time Synchronization of Computer and Television

37

Anthony Istvan

As we move forward with our various product lines, we will end up with a single user experience and identity that spans multiple display devices (thick client STB, thin client STB, PC, web pad, cell phones, palm pilots, etc...). There will be the capability for a single user to be actively using multiple devices concurrently. In such an environment, it makes sense to allow the user to choose the device that is best suited for the content and circumstance. There is also the possibility that an indicator may occur on one device, and the user would prefer to respond to the indicator on a different device. The devices can include PCs, cell phones, hand held computers, pagers, etc. Basically, anything that can communicate with a server.

For example, an ATVEF trigger may be embedded in the broadcast stream. The trigger signals a buying opportunity on the television display by means of an on screen icon. The user may have a laptop computer they are currently using to read email. They then use the laptop to pursue the buying opportunity instead of clobbering the television display, which is being viewed by others at the same time. It also allows the user to use a device with a better display for the type of content being accessed. In order to facilitate such cooperation, we must rely on the client server architecture that is being created to support the STB. The server must be the mediator of communication between the various clients. The clients can use only a web browser that polls the server periodically, or we can have resident applications on the clients that can receive signaling events from the server. Once the event is handed off to the second device, the first device is no longer needed.

It is also possible for two or more viewers in the same room to pursue the same signal without interfering with each other. The important aspect is that shared device (the STB and television display) makes the event known to the server, and that the server can send the event to one or more clients.

The event can be pushed or pulled.

Setting Events for a STB using a PC

Anthony Istvan

set the DVR event.

A STB can provide a suite of services to the viewer. Many of these services are naturally accessed from the EPG. These include setting reminders for TV programs and programming a digital video recorder (DVR). This patent expands access to this functionality, making it accessible from other devices that have access to the network on which the STB resides. For example, a user is at the office. They realize that they are going to have to work late, and that there is a television program that they intended to watch that they are now going to miss. But wait, they can instead log in to their account and access information pertaining to the evenings program line up. They find the show they are interested in and choose the record option. The record event is transmitted through the network to the STB that contains DVR functionality. As a result, the selected program is recorded and is waiting for the user when they finally get home. If there is only one STB in the house that contains the DVR functionality, or a separate DVR device all together, then other STBs could also be used to

This also works the other way as well. If the user set a reminder to watch a program, we would enable the option to signal the reminder on their PC as well. The reminder could manifest itself as an email, or through some sort of resident application on the device. The device could be a PC, a cell phone, a web pad, or any other type of communication device. This is similar to the first patent description.

Using an EPG to Manage Synthetic Channels

Anthony Istvan Jim Billmaier Robert Novak

The existing typical television environment consists of a television with a connection to a broadcast network that consists of many television channels. Since the user is used to this channel metaphor, it makes sense to extend the metaphor when adding interactive content to television experience. The existing programming content is referred to as broadcast channels, while the new interactive content is referred to as synthetic channels. Synthetic channels can consist of functional channels, system channels, and content channels. The system channels is where the user administers the STB environment. The functional channels provide access to applications that run on behalf of the user (email, calendar, photo albums, etc.). The content channels are informational in nature (news, weather, sports, etc.). In order to mimic the behavior of traditional broadcast channels, access to the synthetic channels should be granted in a similar manner. This can include placing them in the EPG or allowing the user to access them by directly entering a channel number in their remote control. In one model, only the entry point of the synthetic channel is accessible using these methods. For example, the start page page of the mail application or the home page of the news channel. Another model allows for every page that compose a particular channel to be accessible.

EXHIBIT B

Tuesday, April 18, 2006			Patent List		Pa	Page: 1
Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	
10/ United States of America	PRO Owner Name: Classification: Agent Name: Title:	PRO 60/238,581 Owner Name: Classification: User Interface Agent Name: Stocl Rives LLP Title: USER INTERFACE, S ENABLED TV	YSTEM, AND METHOD	60/238,581 06-Oct-2000 06-Oct-2001 Attorney(s): SR 'ame: Stock Rives LLP Agent Ref: Title: USER INTERFACE, SYSTEM, AND METHOD FOR PERSONALIZED ACCESS TO INTERNET-	Pending 06-Oct-2001 : SR : : : : : : : : : : : : : : : : : : :	
10.1/ United States of America	CIP Owner Name: Classification: Agent Name: Title:	CIP 09/703,272 31-Oct-2000 Owner Name: Classification: User Interface Agent Name: Stocl Rives LLP Title: USER INTERFACE FOR F	OR PERSONALIZED AC	Pending Attorney(s): SR Classification Ref: Agent Ref: Pending Attorney(s): SR Agent Ref: ORDER SECONDITION OF THE SECON	Pending SR	
10.2/ United States of America	CIP 09/703,26 31-Oct-20 Owner Name: Classification: Head End Agent Name: Stock Rive Title: SYSTEM!	CIP 09/703,261 31-Oct-2000 Owner Name: Zlassification: Head End Agent Name: Stock Rives LLP Title: SYSTEMS AND METI	' 40DS FOR PERSONALI	99/703,261 31-Oct-2000 4uorney(s): SR 4uorney(s): SR 4me: Classification Ref: 4me: Stock Rives LLP Agent Ref: 7itle: SYSTEMS AND METHODS FOR PERSONALIZED ACCESS TO INTERNET-ENABLED TELEVISION	Abandoned SR NET-ENABLED	
109/ United States of America	PRO Owner Name: Classification: Agent Name: Title:	PRO 18-Apr-2001 Owner Name: Classification: Set Top Box (Hardware and Agent Name: Stocl Rives LLP Title: ON-REMOTE CONTROL.)	and Software) OL EMAIL AND OTHER	Pending 18-Apr-2002 Attorney(s): SR Classification Ref: Agent Ref: Agent Ref: EMAIL AND OTHER SERVICE INDICATOR LED AND SOUND	Pending 18-Apr-2002 SR : SR	1

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Case Number/Subcase Country Name	Case	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
109.1/ United States of America	PRO Owner Name: Classification: Agent Name: Title:	PRO 60/284,767 18-Apr-2001 Owner Name: Classification: Set Top Box (Hardware and Agent Name: Stock Rives LLP Title: ON-REMOTE CONTROL.	60/284,767 18-Apr-2001 18-Apr-2002 18-Apr-2002 Attorney(s): SR It on Box (Hardware and Software) Classification Ref: Agent Ref: Title: ON-REMOTE CONTROL EMAIL AND OTHER SERVICE INDICATOR LED AND SOUND	Attorney(s): SR Classification Ref: Agent Ref: ERVICE INDICATOR LED.	Pending 18-Apr-2002 SR 5D AND SOUND
123/ United States of America	DES 29/136,198 25-Jan-2001 Owner Name: Classification: User Interface Agent Name: Stoch Rives LL Title: USER INTER	DES 29/136,198 25-Jan-2001 Owner Name: Hassification: User Interface Agent Name: Stock Rives LLP Title: USER INTERFACE D	29/136,198 25-Jan-2001 Auorney(ulon: User Interface Vame: Stock Rives LLP Agent R Agent R Title: USER INTERFACE DESIGN FOR A TELEVISION DISPLAY SCREEN	Attorney(s); SR Classification Ref; Agent Ref: N DISPLAY SCREEN	Allowed
United States of America	DES 29/136,202 25-Jan-2001 Owner Name: Classification: User Interface Agent Name: Stock Rives LL Title: USER INTERR	DES 29/136,202 25-Jan-2001 Owner Name: Rassification: User Interface Agent Name: Stock Rives LLP Title: USER INTERFACE D	29/136,202 25-Jan-2001 Attorney(ittion: User Interface Classification R Agent R Title: USER INTERFACE DESIGN FOR A TELEVISION DISPLAY SCREEN	Attorney(s): SR Classification Ref: Agent Ref:	Allowed
13/ United States of America	PRO 60/258,1 22-DecOwner Name: Classification: Content Agent Name: Townser Title: SINGLE	PRO 60/258,134 22-Dec-2000 Dwner Name: Tassification: Content Agent Name: Townsend and Townsend Title: SINGLE-BUTTON REMI	60/258,134 22-Dec-2001 22-Dec-2001 Attorney(s): TT Ition: Content Agent Ref: Title: SINGLE-BUTTON REMOTE ACCESS TO A SYNTHETIC CHANNEL PAGE OF SPECIALIZED CONTENT	Attorney(s): TT Classification Ref: Agent Ref: THETIC CHANNEL PAGE	Abandoned 22-Dec-2001 TT RE OF SPECIALIZED

Case Number/Subcase Country Name	Case	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Fraincian Date
13.1/ United States of America	ORD	09/788,997 16-Feb-2001	2002-60750 23-Mav-2002		Published
	Owner Name: Classification: Agent Name: Title:	Owner Name: Classification: Set Top Box (Hardware and Agent Name: Stoel Rives LLP Title: SINGLE-BUITTON REMOT	rare and Software) REMOTE ACCESS TO A	'ame: Attorney(s): SR Attorney(s): SR	SR GE OF SPECIALIZED
131/ United States of America	PRI	09/823,804 30-Mar-2001			Abandoned
	Owner Name: Classification: Agent Name: Title:	Owner Name: Classification: Communications Agent Name: Stoel Rives LLP Title: SYSTEM AND METHOD		Attorney(s): SR Classification Ref: Agent Ref: FOR A SOFTWARE-STEERABLE WEB CAMERA	SR
138/ United States of America	PRO Owner Name: Classification: Agent Name:	PRO 60/267,213 Owner Name: Classification: Electronic Programming Guide Agent Name: Christensen O'Connor Johnson Kindness Title: INTEGRATION OF ELECTRONIC PRG SYSTEM	ning Guíde or Johnson Kindness ELECTRONIC PROGRAI	60/267,213 dance: 07-Fcb-2001 Attorney(s): COJ Ition: Electronic Programming Guide Classification Ref: dance: Christensen O'Connor Johnson Kindness Title: INTEGRATION OF ELECTRONIC PROGRAMMING GUIDE INTO INTERACTIVE TELEVISION SYSTEM	Abandoned 07-Feb-2002 COJ
United States of America	PRO Owner Name: Classification: Agent Name:	PRO 60/267,215 Owner Name: Classification: User Interface Agent Name: Christensen O'Connor Johnson Kindness Time: User MODEL EOD METED ACTIVE THE	60/267,215 (07-Feb-2001 ame: time: User Interface time: Classif time: Christensen O'Connor Johnson Kindness	Pe 07 Attorney(s): COJ Clussification Ref: Agent Ref:	Pending 07-Feb-2002 COJ

States of America States of America Owner Agent Agen	ication Patent Number/Date Number/Date Attorney(s): SE Classification Ref: Agent Ref: OSING AN INTERACTIVE COMPANION SET	Status Expiration Date
States of America Owner N Classifica Agent N Classifica Owner N Classifica Owner N Classifica Owner N Classifica Owner N Classifica	Attorney(s): SF Classification Ref: Agent Ref: USING AN INTERACTIVE COMPANION SET	
States of America Owner A Classifica Agent A Classifica Owner A Classifica Owner A Agent A		Abandoned SR
States of America Owner A Classifica Agent A	Attorney(s): SI Classification Ref: Agent Ref: Alb COMMUNICATOR/REMOTE CONTROL	Pending 12-Apr-2002 IR
	109/863.053 22-May-2001 Attorney(s): SR Attorney(s): SR Attorney(s): SR Attorney(s): SR Attorney(s): SR Attorney(s): SR Title: COMMUNICATOR/REMOTE CONTROL (remote with contact list)	Pending R (remote with contact
States of America Owner A Classifica Agent A	Attorney(s): SI Classification Ref: Agent Ref: REEN FOR A HYBRID COMMUNICAT	Pending 19-Apr-2002 IR

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Case Number/Subcuse Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
15/ United States of America	ORD Owner Name: Classification: Agent Name: Title:	ORD 09/739,584 15-Dec-2000 Owner Name: Classification: E-Commerce Agent Name: John C. Stewart Title: AUTOMATIC PROP	09/739,584 02-0042747 15-Dec-2000 11-Apr-2002 4001: E-Commerce Classiane: John C. Siewart 7711e: AUTOMATIC PROMPTING FOR PRINTER INK REFILL	Pu Attorney(s): JCS Classification Ref: Agent Ref:	Published JCS
18/ United States of America	PRO 60/228,6 28-Aug- Owner Name: Classification: Content Agent Name: Seed Int	PRO 60/228,609 28-Aug-2000 Owner Name: Classification: Content Agent Name: Seed Intellectual Property Law Group Title: SYNTHETIC BROADCAST CHANNELS	perty Law Group	Po 28 Attorney(s): SIP Classification Ref: Agent Ref:	Pending 28-Aug-2001 SIP
18.2/ United States of America	ORD 09/742,6 19-Dec, Owner Name: Classification: Content Agent Name: Stock Riv	ORD 09/742,677 19-Dec-2000 Owner Name: Alassification: Content Agent Name: Stock Rives LLP Title: SYSTEM AND MET	02-0104099 01-Aug-2002 111OD TO PROVIDE MEDI	19-Dec-2000 01-Aug-2002 Attorney(s): SR Idone: Content Content Agent Ref: Title: SYSTEM AND METHOD TO PROVIDE MEDIA PROGRAMS FOR SYNTHETIC CHANNELS	Allowed SR THETIC CHANNELS
20.1/ United States of America	PRO Owner Name: Classification: Agent Name:	PRO 60/236,422 28-Sep-2000 Owner Name: Classification: E-Commerce Agent Name: Seed Intellectual Property Law Group Title: MISTHODS AND SYSTEMS FOR CO	perty Law Group	60/236,422 28-Sep-2000 28-Sep anne: Attorney(s): SIP Attorney(s): SIP (ane: E-Commerce Agent Ref: Ame: Seed Intellectual Property Law Group Attorney(s): Title: Algent Ref: Title: MITITIODS AND SYSTEMS FOR COMMERCE VIA INTERACTIVE TELEVISION	Pending 28-Sep-2001 SIP EVISION

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Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
21/ United States of America	ORD	09/728,947 01-Dec-2000	· Ten d - Ten d Laintein-tula - espektoartulukky sakakkeky (Mayakulukasanusiasa	uniforment i de comparate un sus entre descriptions de descriptions de la comparate descriptions de la comparate de la compara	Pending
	Owner Name: Classification: Agent Name: Title:	Owner Name: Classification: E-Commerce Agent Name: John C. Stewart Title: ALLOWANCE ACCOUNT		Attorney(s); JCS Classification Ref; Agent Ref; FOR INTERACTIVE TELEVISION (iTV account)	JCS 11)
22/ United States of America	ORD	09/736,983 13-Dcc-2000			Pending
	Owner Name: Classification: Agent Name: Title:	Owner Name: Classification: E-Commerce Agent Name: John C. Stewart Title: METHOD AND SYS' CONDUCTED VIA A	Attornulerce Classification John C. Stewart Agent METHOD AND SYSTEM TO CALENDAR INFORMATION RELAT CONDUCTED VIA AN INTERACTIVE VIDEO CASTING SYSTEM	**Inde: Attornmerce ***Commerce ***Classification Ref; ame: John C. Stewart ***Agent Ref; ***Agent Ref; ***Tide: METHOD AND SYSTEM TO CALENDAR INFORMATION RELATED TO TRANSACTIONS CONDUCTED VIA AN INTERACTIVE VIDEO CASTING SYSTEM	JCS TRANSACTIONS
23/ United States of America	ORD	09/734,332 01-Dec-2000			Pending
	Owner Name: Classification: Agent Name: Title:	Owner Name: Classification: B-Commerce Agent Name: John C. Stewart Title: METHOD AND SYSTEM TO INTERACTIVE TELEVISION	TEM TO PROVIDE CON	Attorney(s): JCS Classification Ref: Agent Ref: FO PROVIDE CONSOLIDATED ACCOUNT INFORMATION VIA JN	JCS FORMATION VIA
24/ United States of America	ORD	09/728,956 01-Dec-2000			Pending

Classification: E-Conunerce
Agent Name: Christensen O'Connor Johnson Kindness
Agent Name: Christensen O'Connor Johnson Kindness
Title: METHOD AND SYSTEM FOR CONSOLIDATED CONTENT/COMMERCE TOOLS INTERFACE
FOR INTERACTIVE TELEVISION

Attorney(s): COJ

Owner Name:

Tuesday, April 18, 2006			Patent List	st	•	Page: 7
Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	
246/ United States of America	PRO Owner Name: Classification: Agent Name: Tifle:	PRO 60/283.574 13-Apr-2001 Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Stock Rives LLP Title: SYSTEM AND METHOD FOR PERS	vare and Software) THOD FOR PERSONALIZ	Pending 13-Apr-2002 Attorney(s): SR Classification Ref: Agent Ref: FOR PERSONALIZED REMOTE CONTROL OF AN INTERACTIVE	Pending 13-Apr-2002 s): SR ef: OF AN INTERACTIVE	
246.2/ United States of America	DES Owner Name: Classification: Agent Name: Title:	DES 29/141,613 09-May-2001 Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Stocl Rives LLP Title: REMOTE CONTROL (remote design	29/141,613 09-May-2001 time: 1140n: Set Top Box (Hardware and Software) Title: REMOTE CONTROL (remote design with numeric on reverse)	Attorney(s); SR Classification Ref: Agent Ref:	Allowed s): SR ef:	
247/ United States of America	PRO 60/284,3 Owner Name: Classification: Content Agent Name: Seed Int	PRO 60/284,329 17-Apr-2001 Dwner Name: Agent Name: Seed Intellectual Property I	эрену Law Group V	Attorney(s): COl Classification Ref: Agent Ref:	Abandoned 17-Apr-2002 5): COJ	
25/ United States of America	ORD Owner Name: Classification: Agent Name:	ORD 09/736,950 13-Dec-2000 Owner Name: Classification: E-Commerce Agent Name: John C. Stewart Title: METHOD AND SY:	13-Dec-2000 13-Dec-2000 Attorney(s): JCS Atto	Pe Attorney(s): JCS Classification Ref: Agent Ref: XONTEXT PURCHASE STIMULI	Pending y; JCS yf: f: IMULI FOR AN	!

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Case Number/Subcuse Country Name	Case	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	C. A. C.
254/ United States of America	PRI 60/296,3 Owner Name: Classification: Content Agent Name: Stoel Ri	PRI 60/296,315 06-Jun-2001 Owner Name: Classification: Content Agent Name: Stock Rives LLP Title: CONTENT MANAG	60/296,315 06-Jun-2001 iame: finan: Content fines: Stoel Rives LLP Title: CONTENT MANAGEMENT TOOL (local content entry tool)	Attorney(s): SR Classification Ref: Agent Ref:	Pending): SR f:	
26t United States of America	ORD Owner Name: Classification: Agent Name: Title:		99/792,075 Pending 22-Feb-2001 Attorney(s): JCS E-Commerce Classification Ref: John C. Stewart Ment TO PROVIDE A PERSONALIZED SHOPPING CHANNEL VIA AN INTERACTIVE VIDEO CASTING SYSTEM	Pe Attorney(s): JCS Classification Ref: Agent Ref: NALIZED SHOPPING CHAI	Pending F. JCS F. CHANNEL VIA AN	
27/ United States of America	ORD Owner Name: Classification: Agent Name: Title:	ORD 09/736,952 13-Dec-2000 Owner Name: Classification: E-Commerce Agent Name: Darby & Darby Title: METHOD AND SYSTEM TO	Pending Attorney(s): BEB Classification Ref: Agent Ref: YSTEM YSTEM	Pc: Attorney(s): BEB Classification Ref: Agent Ref: AND PROMOTIONS VIA AN	Pending	· :
28/ United States of America	ORD	09/797.205 27-Fcb-2001		editorardum outre en mora una sur expensiva por manda en estado en estado en estado en estado en estado en esta	Pending	

Attorney(s): BEB
Agent Name: Darby
Agent Name: Darby
Title: METHOD AND INTERFACE FOR PORTAL REVENUE ADMINISTRATION IN AN
INTERACTIVE VIDEO CASTING SYSTEM

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Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	
289/ United States of America	PRO Owner Name: Classification: Agent Name: Title:	PRO 60/296,555 06-Jun-2001 Owner Name: Classification: E-Commerce Agent Name: Townsend and Townsend Title: SYSTEM AND METHOD	5	Pendin 06-Jun 06-Jun Attorney(s): TT Classification Ref: Agent Ref: Agent Ref:	Pending 06-Jun-2002 TT IIVE TV	
29/ United States of America	ORD Owner Name: Classification: Agent Name: Title:	ORD 09/728,672 02-00 01-Dec-2000 31-Jr Owner Name: Classification: E-Commerce Agent Name: Stock Rives LLP Title: METHOD AND SYSTEM TO STITLE INTERACTIVE TELEVISION	99/728,672 02-0013950 Published 01-Dec-2000 31-Jan-2002 Attorney(s): SR dane: dane: E-Commerce Classification Ref: dane: Stock Rives LLP fulle: METHOD AND SYSTEM TO SAVE CONTEXT FOR DEFERRED TRANSACTION VIA	P Attorney(s): SR Classification Ref: Agent Ref: OR DEFERRED TRANSAC	Published SR ACTION VIA	
29.1/ United States of America	CON Owner Name: Classification: Agent Name: Title:	CON 09/834,044 02-0 11-Apr-2001 07-F Owner Name: Classification: E-Commerce Agent Name: Stoel Rives LLP Title: METHOD AND SYSTEM TO INTERACTIVE TELEVISION	02-0016965 07-Feb-2002 STEM TO SAVE CONTEXT F	2-0016965 7-Feb-2002 Attorney(s): SR Classification Ref: Agent Ref: 10 SAVE CONTEXT FOR DEFERRED TRANSACTION VIA	Published SR ACTION VIA	
30/ United States of America	ORD Owner Name: Classification: Agent Name: Title:	ORD 09/732.188 06-Dec-2000 Owner Name: Classification: E-Commerce Agent Name: Darby & Darby Title: LOYALTY REWAI	09/732.188 06-Dec-2000 Attorney(ution: E-Commerce Classification R. Agent R. Title: LOYALTY REWARDS PROGRAM FOR INTERACTIVE TELEVISION	Per Attorney(s): BEB Classification Ref: Agent Ref: CTIVE TELEVISION	Pending 3EB	

Tuesday, April 18, 2006	utte		Patent List	18	Pag	Page: 10
Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	
31/ United States of America	ORD Owner Name: Classification: Agent Name: Title:	1		99/775,351 Attorney(s): JCS E-Commerce Classification Ref: John C. Stewart METHOD AND SYSTEM FOR SYNCHRONIZED COMMERCE WITH ELECTRONIC PROGUIDE AND BROADCAST CONTENT IN AN INTERACTIVE VIDEO CASTING SYSTEM	Abandoned Attorney(s): JCS Classification Ref: Agent Ref: FOR SYNCIIRONIZED COMMERCE WITH ELECTRONIC PROGRAM T CONTENT IN AN INTERACTIVE VIDEO CASTING SYSTEM	
32/ United States of America	ORD Owner Name: Classification: Agent Name: Title:	ORD 09/728,844 01-Dcc-2000 Owner Name: Classification: E-Commerce Agent Name: Stock Rives LLP Title: METHOD AND SYS	09/728,844 02-0104086 01-Dcc-2000 01-Aug-2002 E-Commerce Stoel Rives LLP METHOD AND SYSTEM TO DEFER TRANS TELEVISION (webpad deferred purchase)	09/728,844 02-0104086 Published 01-Dec-2000 01-Aug-2002 Attorney(s): SR tition: E-Commerce Classification Ref: 4mme: Stock Rives LLP Title: METHOD AND SYSTEM TO DEFER TRANSACTIONS CONDUCTED VIA INTERACTIVE TELEVISION (webpad deferred purchase)	Published J: SR J: J: J: J: J: J: J: J: J: J	
32.1/ United States of America	CON Owner Name: Classification: Agent Name: Title:	CON 09/834,043 11-Apr-2001 Owner Name: Classification: E-Commerce Agem Name: Stock Rives LLP Title: METHOD AND SYS TELEVISION (webp	09/834,043 02-0054091 11-Apr-2001 09-May-2002 E-Commerce Stoel Rives LLP METHOD AND SYSTEM TO DIFFER TRANS TELEVISION (webpad deferred purchase)	09/834,043 02-0054091 Published 11-Apr-2001 09-May-2002 Attorney(s): SR Attorney(s): SR (ame: Stoel Rives LLP Agent Ref: Title: METHOD AND SYSTEM TO DIFFER TRANSACTIONS CONDUCTED VIA INTERACTIVE TELEVISION (webpad deferred purchase)	Published Published J: J: Y: VIA INTERACTIVE	
33/ United States of America	PRO Owner Name: Classification: Agent Name: Title:	PRO 60/237,013 29-Scp-2000 Owner Name: Classification: Communications Agent Name: Stoel Rives LLP Title: SYSTEMS, METHOD COMMUNICATIONS	DS, AND DEVICES FOR	60/237,013 29-Sep-2000 29-Sep-2000 Attorney(s): SR dion: Communications Classification Ref: Agent Ref: Title: SYSTEMS. METHODS, AND DEVICES FOR VIDEO AND AUDIO CAPTURE AND COMMUNICATIONS	Pending 29-Sep-2001 9: SR 9: 9: 9: 9:	
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Tucsday, April 18, 2006	144		Patent List			Page 11
Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	
33.1/ United States of America	ORD Owner Name: Classification: Agent Name: Title:	ORD 09/698,297 27-Oct-2000 Owner Name: Classification: Communications Agent Name: Stock Rives LLP Title: REMOTE CONTROL E (cam-in-remote devices)	6,489,986 27-Oct-2000 27-Oct-2020 4norney(s): SR 4norney(s): SR Classification Ref: Agent Ref: (cam-in-remote devices)	6,489,986 03-Dec-2002 2 Attorney(s): SR Classification Ref: Agent Ref: ND AUDIO CAPTURE AND CC	Granted 27-Oct-2020 J: SR f: f: vD COMMUNICATION	
33.2/ United States of America	ORD Owner Name: Classification: Agent Name: Title:	ORD 09/698,298 27-Oct-2000 Owner Name: Classification: Communications Agent Name: Stocl Rives LLP Title: SYSTEMS, METHODS, AND DE COMMUNICATION (cam button)	99/698,298 Cranted 27-Oct-2000 6,529,233 Granted 27-Oct-3003 Anomey(s): SR Admin: Communications Agent Ref: Agent Ref: Title: SYSTEMS, METHODS, AND DEVICES FOR VIDEO AND AUDIO CAPTURE AND COMMUNICATION (cam button)	6,529,233 C 04-Mar-2003 2 Attorney(s): SR Classification Ref: Agent Ref: VIDEO AND AUDIO CAPTURE	Granted 27-Oct-2020); SR f; f: rTURE AND	
33.3/ United States of America	ORD Owner Name: Classification: Agent Name: Title:		09/707,072 06-Nov-2000 Communications Stocl Rives LLP SYSTEMS AND DEVICES FOR AUDIO CAPT TELEVISION BROADCASTS (mic-in-remote)	6,397,388 Granted 28-May-2002 06-Nov-202 Attorney(s): SR Classification Ref: Agent Ref: AGUDIO CAPTURE AND COMMUNICATION DURING	Granted 06-Nov-2020); SR f; f: //	
33.4/ United States of America	ORD Owner Name: Classification: Agent Name: Title:	ORD 09/712,030 14-Nov-2000 Owner Name: Classification: Communications Agent Name: Stoel Rives LLP Title: SYSTEMS, METH(phone-in-remote)	09/712,030 Pending 14-Nov-2000 Attorney(s): SR Attorney(s): SR Attorney(s): SR Attorney(s): SR Title: Svel Rives U.LP Agent Ref: Title: SYSTEMS. METHODS, AND DEVICES FOR AUDIO CAPTURE AND TELECOMMUNICATIONS (phone-in-remote)	P Attorney(s): SR Classification Ref: Agent Ref: AUDIO CAPTURE AND TELEC	Pending); SR f; f: TELECOMMUNICATIONS	

Tuesday, April 18, 2006			Patent List		Page: 12
Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
33.5/ United States of America	ORD Owner Name: Classification: Agent Name: Title:	ORD 09/698,753 27-Oct-2000 Owner Name: Classification: Communications Agent Name: Stocl Rives LLP Title: SYSTEMS AND MI in-remote system)	ETHODS FOR VIDEO ANE	9 09/698,753 27-Oct-2000 Attorney(s): SR Attorney(s): SR Classification Ref: Agent Ref: Agent Ref: Title: SYSTEMS AND METHODS FOR VIDEO AND AUDIO CAPTURE AND COMMUNICATION (camin-remote system)	Abandoned SR OMMUNICATION (cam-
35/ United States of America	PRO Owner Name: Classification: Agent Name:	PRO 60/238,585 06-Oct-2000 Owner Name: Classification: Electronic Programming Guide Agent Name: Stoel Rives LLP Title: INTERACTIVE, OFF-SCREEN	60/238,585 06-Oct-2000 ume: uion: Electronic Programming Guide ame: Stoel Rives LLP Title: INTERACTIVE, OFF-SCREEN ENTERTAINMENT GUIDE	P 0 Attorney(s): SR Classification Ref: Agent Ref: Agent Ref:	Pending 06-Oct-2001 SR
35.1/ United States of America	ORD Owner Name: Classification: Agent Name: Title:	ORD 09/739,576 18-Dcc-2000 Owner Name: Classification: Electronic Programming Guide Agent Name: Stocl Rives LLP Title: INTERACTIVE, OFF-SCREEN	18-Dec-2000 Attorney(s), titie: INTERACTIVE, OFF-SCREEN ENTERTAINMENT GUIDE (webpad cpg)	Attorney(s): SR Classification Ref: Agent Ref:	Pending SR
35.2/ United States of America	CIP Owner Name: Classification: Agent Name: Title:	CIP 09/811,373 02-0 15-Mar-2001 11-A Owner Name: Classification: Electronic Programming Guide Agent Name: John C. Stewart Title: INTERACTIVE, OFF-SCREEN CONTROL	02-0042915 11-Apr-2002 ning Guide	11-Apr-2002 4ttorney(s): JCS 4ttorney(s): JCS	Abandoned ICS M SELECTION AND

Tucsday, April 18, 2006			Patent List			Page: 13
Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	
36/ United States of America	PRO Owner Name: Classification: Agent Name: Title:	PRO 60/238,487 02-Oct-2000 Owner Name: Classification: Communications Agent Name: Stoel Rives LLP Title: SYSTEMS, METHOD BROADCASTS	60/238,487 60-238,487 62-Oct-2000 Attorney(s): SR 4tion: Communications Agent Ref: Agent Ref: Title: SYSTEMS, MITHODS, AND DEVICES FOR AUDIOCONFERENCING DURING TELEVISION BROADCASTS	P Attorney(s): SR Classification Ref: Agent Ref: DIOCONFERENCING DURI	Pending 02-Oct-2001 SR URING TELEVISION	
36.1/ United States of America	ORD Owner Name: Classification: Agent Name: Title:	ORD 09/707.073 06-Nov-2000 Classification: Communications Agent Name: Stocl Rives LLP Title: METHODS FOR AUDIO CAPTURE BROADCASTS (audio conferencing)	99/707,073 7ame: 14torney(s): SR 14tor	P Attorney(s): SR Classification Ref: Agent Ref: UNICATION DURING TEL	Pending SR 'ELEVISION	
38/ United States of America	PRI Owner Name: Classification: Agent Name: Title:	PRI 09/872,491 02-0 31-May-2001 05-L Owner Name: Classificution: Electronic Programming Guide Agent Name: John C. Stewart Title: SETTING EVENTS FOR A SE events for an stb using a pc)	99/872,491 02-0184635 Published 31-May-2001 05-Dec-2002 Attorney(s); JCS ane: "Inden: Electronic Programming Guide Classification Ref: "Inden: Stewart Agent Ref: Title: SETTING EVENTS FOR A SET-TOP-BOX USING A BROWSER-ENABLED DEVICE (setting events for an stb using a pc)	Pu Attorney(s); JCS Classification Ref; Agent Ref; Agent Ref;	Published JCS DEVICE (setting	
39/ United States of America	PRI Owner Name: Classification: Agent Name: Title:	PRI 09/877.696 02-0 08-Jun-2001 12-L Owner Name: Classification: Electronic Programming Guide Agent Name: John C. Stewart Title: SYSTEMS AND METHODS F	09/877.696 02-0188952 Published 08-Jun-2001 12-Dec-2002 Attarney(s): JCS diane: Electronic Programming Guide Classification Ref: dame: John C. Stewart Agent Ref: Title: SYSTEMS AND METHODS FOR ACCESSING INTERACTIVE CONTENT VIA SYNTHETIC CHANNELS (managing synthetic channels using epg)	Pu Attorney(s): JCS Classification Ref: Agent Ref: ITERACTIVE CONTENT VIA	Published JCS	

Tuesday, April 18, 2006			Patent List		A Section of the Control of the Cont
Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
4.1/ United States of America	ORD Owner Name: Classification: Agent Name: Title:	ORD 09/687.587 13-Oct-2000 Owner Name: Classification: User Interface Agent Name: Townsend and Townsend Title: 'FECHNIQUES FOR CONT	13-Oct-2000 Attorney(s): TT ution: User Interface Clussification Ref: Agent Ref: Title: TECHNIQUES FOR CONTROLLING ACCESS TO WEB CONTENT INFORMATION AND TELEVISION CONTENT INFORMATION USING USER MODES	Attorney(s): TT Clussification Ref: Agent Ref: WEB CONTENT INFORM USER MODES	Abandoned TT RMATION AND
4.2/ United States of America	ORD Owner Name: Classification: Agent Name: Title:	ORD 09/687,349 13-Oct-2000 Owner Name: Classification: User Interface Agent Name: Townsend and Townsend Title: TECHNIQUES FOR CONT TELEVISION CONTENT! DENOMINATOR TECHNI	ラニス ラニス	Pending Attorney(s): TT Classification Ref: Agent Ref: Agent Ref: INOLLING ACCESS TO WEB CONTENT INFORMATION AND INFORMATION USING USER MODES AND LEAST COMMONIQUES	Pending TT RMATION AND AST COMMON
40.1/ United States of America	ORD 09/747,1 21-Dcc- Owner Name: Classification: Content Agent Name: Darby & Title: SYSTER	ORD 09/747,168 21-Dcc-2000 2wner Name: Tassification: Content Agent Name: Darby & Darby Title: SYSTEM AND METHOD		Published 21-Feb-2002 **Attorney(s): BEB **Classification Ref: **Agent Ref: TO MANAGE PARTICIPANT INPUT FOR AN INTERACTIVE SHOW	Published BEB NTERACTIVE SHOW
40.2/ United States of America	ORD 09/747,424 21-Dec-2000 Owner Name: Classification: Advertising Agent Name: Darby & Da	ORD 09/747,424 (21-Dec-2000 (21-Dec-2000 (21-Bassification: Advertising Agent Name: Darby & Darby Title: SYSTEM AND METHOD	02-0104090 01-Aug-2002 An Classifica A	Pul Attorney(s): BEB Classification Ref: Agent Ref: DVERTISING	Published BEB

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Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
40.3/ United States of America	ORD 09/732, 06-Dcc- Owner Name: Classification: Content Agent Name: Darby & Title: SYSTEM	ORD 09/732,184 06-Dec-2000 Owner Name: Classification: Content Agent Name: Darby & Darby Title: SYSTEM AND METHOD T	HOD TO SEQUENCE BROAI	Pending Attorney(s): BEB Clussification Ref: Agent Ref: 10 SEQUENCE BROADCAST PROGRAMS FOR PERSONAL	Pending BEB R PERSONAL
41/ United States of America	PRO Owner Name: Classification: Agent Name: Title:	PRO 60/250.291 29-Nov-2000 Owner Name: Classification: Set Top Box (Hardware and Agent Name: John C. Stewart Title: WIRELESS MULTIMEDIA	are and Software)	All Attorney(s); JCS Classification Ref: Agent Ref:	Abandoned 29-Nov-2001 JCS
42/ United States of America	PRO 60/246.5 Owner Name: Classification: Content Agent Name: Stocl Ri Title: SYSTEN	PRO 60/246.542 07-Nov-2000 Cherry Name: Classification: Content Agent Name: Stock Rives LLP Title: SYSTEMS AND ME OPERATOR CONTR	60/246.542 607-Nov-2000 7410rie (S): SR 41011. Content Clussification Ref: Agent Ref: 7111e: SYSTEMS AND METHODS FOR VIEWER TRIGGER IN ENHANCED TELEVISION AND CABLE OPERATOR CONTROL OVER ENHANCED PROGRAMMING	Attorney(s): SR Classification Ref: Agent Ref: GER IN ENHANCED TELEVICEAMMING	Pending 07-Nov-2001 SR LEVISION AND CABLE
42.1/ United States of America	ORD 09/858,2 15-May- Owner Name: Classification: Content Agent Name: Stocl Ri Title: SYSTEN PROGR	ORD 09/858,201 15-May-2001 Dwner Name: Tassification: Content Agent Name: Stocl Rives LLP Title: SYSTEM AND MET PROGRAMMING	09/858,201 15-May-2001 4me: Attorney(s): SR 4lon: Content 4me: Stock Rives LLP 7itle: SYSTEM AND METHOD FOR CABLE OPERATOR CONTROL OVER ENHANCED PROGRAMMING	Attorney(s): SR Classification Ref: Agent Ref: OR CONTROL OVER ENHA	Abandoned SR HANCED

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Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	
42.2/ United States of America	ORD 09/748.(22-Dec- Owner Name: Classification: Content Agent Name: Stoel Ri Title: SYSTEN	ORD 09/748,080 02- 22-Dec-2000 27- 23-Stassification: Content Agent Name: Stoel Rives LLP Title: SYSTEM AND METHOD FO	122-Dec-2000 27-Jun-2002 Attorney(s): SR dinne: Content Agent Ref: Agent Ref: Title: SYSTEM AND METHOD FOR UNPROMPTED, CONTEXT-SENSITIVE QUERYING DURING A TELEVISION BROADCAST	Attorney(s): SR Classification Ref: Agent Ref: CONTEXT-SENSITIVE QUE	Published SR 2UERYING DURING A	
42.3/ United States of America	PRO 60/258,1 22-Dec- Owner Name: Classification: Content Agent Name: Stoel Ri Title: SYSTEN	PRO 60/258,164 22-Dec-2000 Owner Name: Classification: Content Agent Name: Stocl Rives LLP Title: SYSTEM AND METHOD FO Title: TELEVISION BROADCAST	60/258,164 22-Dec-2000 22-Dec-2001 Attarnep(s): SR Attarnep(s): SR Attarnep(s): SR Agent Ref: Agent Ref: Title: SYSTEM AND METHOD FOR PRE-CACHING SUPPLEMENTAL CONTENT RELATED TO A TELEVISION BROADCAST USING UNPROMPTED, CONTEXT-SENSITIVE QUERYING	Pending 22-Dcc-2001 Attorney(s): SR Classification Ref: Agent Ref: Agent Ref: ONTENTINE QUERYING	Pending 22-Dec-2001 SR SN	
42.4/ United States of America	ORD Owner Name: Classification: Agent Name: Title:	ORD 09/761,411 02- 16-Jan-2001 10- Owner Name: Classification: E-Commerce Agent Name: Stoel Rives LLP Title: SYSTEM AND METHOD FO TELEVISION BROADCAST	16-Jan-2001 10-Oct-2002 4ttorney(s): SR withou: E-Commerce Stoel Rives LLP Title: SYSTEM AND METHOD FOR PRE-CACHING SUPPLEMENTAL CONTENT RELATED TO A TELEVISION BROADCAST USING UNPROMPTED. CONTEXT-SENSITIVE QUERYING	Oct-2002 Attorney(s): SR Classification Ref: Agent Ref: R PRE-CACHING SUPPLEMENTAL CONTENT RELATED TUSING UNPROMPTED, CONTEXT-SENSITIVE QUERYING	Published SR SN SN SNT RELATED TO A IVE QUERYING	
44/ United States of America	PRO Owner Name: Classification: Agent Name: Title:	PRO 60/254,011 27-Dec-2000 Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Stoci Rives LLP Title: INTERACTIVE COMPANION SET TOP BOX	and Software)	Attorney(s): SR Attorney(s): SR Classification Ref: Agent Ref:	Pending 27-Dec-2001 SR	

Management and Associates and			Patent List			Page: 17
	Case , Type !	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	
United States of America	ORD	09/815,953 23-Mar-2001		- The state of the	Pending	Activities (Company) and the second
Own Class Age	Owner Name: Classification: \$ Agent Name: \$ Title: 1	Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Stoel Rives LLP Title: INTERACTIVE COMPANION SET TOP BOX	nd Software) NION SET TOP BOX	Attorney(s); SR Classification Ref: Agent Ref:	SR	
45/ United States of America	<u> </u>	09/768.019 23-Jan-2001	į	6,630,963 07-Oct-2003	Granted 23-Jan-2021	
Own Class Age	Owner Name: Classification: S Agent Name: S Title: S	Owner Name: Classification: Set Top Box (Hardware and Softwar Agent Name: Stock Rives LLP Title: SYNCHRONIZING A VIDEO PRO SECONDARY AUDIO PROGRAM	fame: Idion: Set Top Box (Hardware and Software) Classification Ref. Agent Ref: Title: SYNCHRONIZING A VIDEO PROGRAM FROM A TELEVISION BROADCAST WITH A SECONDARY AUDIO PROGRAM	Attorney(s): SR Classification Ref: Agent Ref: A TELEVISION BROADCA	SR CAST WITH A	
45.1/ United States of America		09/778,994 07-Fcb-2001		6.710.815 23-Mar-2004	Granted 23-Jan-2021	
Own Class Age	Owner Name: Classification: S Agent Name: S Title: S	Owner Name: Classification: Set Top Box (Hardware and Agent Name: Stocl Rives LLP Title: SYNCHRONIZING MULTI MEDIUMS	'unne: 'dion: Set Top Box (Hardware and Software) Classification Ref: 'unne: Stock Rives LLP Agent Ref: Title: SYNCHRONIZING MULTIPLE SIGNALS RECEIVED THROUGH DIFFERENT TRANSMISSION MEDIUMS	Attorney(s); SR Classification Ref: Agent Ref: VED THROUGH DIFFEREN	SR ENT TRANSMISSION	
	PRI ((9/863,896	02-0175944	6,762,773	Granted	AND THE REAL PROPERTY OF THE P
United States of America		23-May-2001	29-Nov-2002	13-Jul-2004	23-May-2021	
Омп	Owner Name: Classification: ¹	Owner Name: Classification: User Interface		Attorney(s): SR Classification Ref:	SR	

Classification: User Interface

Agent Name: Stock Rives LLP

Agent Ref:

Title: SYSTEM AND METHOD FOR PROVIDING A CONTEXT-SENSITIVE INSTRUCTIONAL USER INTERFACE ICON IN AN INTERACTIVE TELEVISION SYSTEM (overlaying remote buttons on-screen)

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Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	
47.1/ United States of America	PRI Owner Name: Classification: Agent Name: Tifle:			6.559.866 Granted 06-May-2003 23-May-2021 Attorney(s): SR Classification Ref: Agent Ref: Agent Ref: an language support for a remote control)	Granted 23-May-2021 SR PORT FOR A REMOTE	
5.1/ United States of America	ORD Owner Name: Classification: Agent Name: Title:	ORD 09/687,586 13-Oct-2000 Owner Name: Classification: User Interface Agent Name: Townsend and Townsend Title: AUDIO SOURCE CONTROL TECHNIQUES	end NTROL TECHNIQUES	P Attorney(s): TT Classification Ref: Agent Ref:	Pending 17T	
52/ United States of America	PRI Owner Name: Classification: Agent Name: Title:	PRI 09/789,175 20-Fcb-2001 Owner Name: Classification: Electronic Programming Guide Agent Name: Stocl Rives LLP Title: SYSTEM AND ME THOD FOR DE INFORMATION (radio epg for itv)	ng Guide -IOD FOR DELIVERING R to epg for itv)	Pending Attorney(s): SR Classification Ref: Agent Ref: FOR DELIVERING RADIO PROGRAMS AND RELATED SCHEDULE for itv)	Pending SR RELATED SCHEDULE	
52.1/ United States of America	CIP Owner Name: Classification: Agent Name: Title:	CIP 09/851,528 08-May-2001 Owner Name: Classification: Electronic Programming Guide Agent Name: Stocl Rives LLP Title: RADIO ELECTRONIC PROG	09/851,528 08-May-2001 Attorney withous: Electronic Programming Guide ame: Stoel Rives LLP Agent 1 Title: RADIO ELECTRONIC PROGRAM GUIDE FOR A MOBILE DEVICE	P Attorney(s): SR Classification Ref: Agent Ref: A MOBILE DEVICE	Pending SR	

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Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	
54/ United States of America	PRI Owner Name: Classification: Agent Name: Title:	•	09/790,216 21-Feb-2001 Subscriber Management Stoel Rives LLP SYSTEM AND METHOD FOR PROVIDING DIRECT, CO SUPPORT IN AN INTERACTIVE TELEVISION SYSTEM	Attorney(s): SR Classification Ref: Agent Ref: ECT, CONTEXT SENSITIVE	Pending SR IVE CUSTOMER	
54.1/ United States of America	PRI Owner Name: Classification: Agent Name: Title:	09/821.829 29-Mar-2001 E-Commerce Stoel Rives LLP SYSTEM AND METF	IOD FOR FACILITATING S	Attorney(s): SR Classification Ref: Agent Ref: ALES USING AN INTERAC	Pending SR ACTIVE TELEVISION	
54.2/ United States of America	PRI Owner Name: Classification: Agent Name: Title:		21-Feb-2001 Subscriber Management Stoel Rives LLP SYSTEM AND METHOD FOR PROVIDING DIRECT, CO SUPPORT IN AN INTERACTIVE TELEVISION SYSTEM	Attorney(s): SR Classification Ref: Agent Ref: SCT, CONTEXT-SENSITIVE	Pending SR IVE CUSTOMER	
56/ United States of America	PRI Owner Name: Classification: Agent Name: Title:	PRI 09/823,946 30-Mar-2001 Owner Name: Classification: E-Commerce Agent Name: John C. Stewart Title: SYSTEM AND METHOD TO PROVIDE AUDIO ENHANCEMENTS AND PREFERENCES FOR INTERACTIVE TELEVISION	D TO PROVIDE AUDIO E	Pc Attorney(s): JCS Classification Ref: Agent Ref: ENHANCEMENTS AND PRE	Pending JCS PREFERENCES FOR	

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Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	
6.1/ United States of America	CIP	09/747,309 20-Dec-2000	US02-56083 09-May-2002		Published	
	Owner Name: Classification: Agent Name: Title:	Owner Name: Classification: User Interface Agent Name: Townsend and Townsend Title: SYSTEM AND METHOL	send PHOD FOR PICTURE-IN-B	fane: Classification Ref: fame: Townsend and Townsend Title: SYSTEM AND METHOD FOR PICTURE-IN-BROWSER SCALING (Picture-In-Browser II)	TT :c-In-Browser II)	
631 United States of America	PRI	09/823,917 30-Mar-2001			Pending	
·	Owner Name: Classification: Agent Name: Title:	Owner Name: Classification: E-Commerce Agent Name: Christensen O'Connor Johnson Kindness Title: AGGREGATED SALES CHANNEL HA	dane: Classifie Classifie Christensen O'Connor Johnson Kindness Title: AGGREGATED SALES CHANNEL HAVING SALES ALERTS	Attorney(s); COJ Classification Ref: Agent Ref: SALES ALERTS	ОО	
73/ United States of America	PRI	09/861.091 18-May-2001	-	Terretario de la casa de casa	Pending	
	Owner Name: Classification: Agent Name: Title:	Owner Name: Classification: E-Commerce Agent Name: John C. Stewart Title: METHOD AND SYSTEM FG AN INTERACTIVE VIDEO and calendar)	STEM FOR GIFT REGISTR VIDEO CASTING SYSTEN	iume: Classification Ref: (ame: John C. Stewart Title: METHOD AND SYSTEM FOR GIFT REGISTRY, BUDGETING, AND GIFT CALENDARING VIA AN INTERACTIVE VIDEO CASTING SYSTEM (itv houschold budget integration with commerce and calendar)	JCS CALENDARING VIA	
75/ United States of America	PRI	09/866.558 24-May-2001			Pending	
	Owner Name: Classification: Content Agent Name: Darby & Title: SYSTER	Owner Name: Classification: Content Agent Name: Darby & Darby Title: SYSTEM AND MET CASTING NETWOR	Content Darby & Darby SYSTEM AND METHOD TO PROVIDE AN IN CASTING NETWORK (coupon channel)	iume: Classification Ref: (ame: Darby & Darby Title: SYSTEM AND METHOD TO PROVIDE AN INTERACTIVE COUPON CHANNEL VIA A VIDEO CASTING NETWORK (coupon channel)	BEB ANNEL VIA A VIDGO	

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Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	
77/ United States of America	PRI	09/833,025 10-Apr-2001	and a manufacture of the contract of the contr		Pending	
	Owner Name: Classification: Content Agent Name: John C. Title: AUCTIC	Owner Name: Hassification: Content Agent Name: John C. Stewart Title: AUCTION CHANN	fame: Classification Rej fame: John C. Stewart Agent Rej Title: AUCTION CHANNEL FOR INTERACTIVE VIDEO CASTING SYSTEM	Attorney(s): JCS Classification Ref: Agent Ref: VIDEO CASTING SYSTEM	y; JCS gf: df. A	
81/ United States of America	PRI	09/823,367 30-Mar-2001			Pending	
	Owner Name: Classification: Agent Name: Title:	Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Darby & Darby Title: METHOD AND SYSTEM TO PROV	ame: (don: Set Top Box (Hardware and Software) (don: Darby & Darby (done: Darby & Darby & Darby (done: Darby & Darby & Darby & Darby (done: Darby & D	Attorney(s): BEB Classification Ref: Agent Ref: ELECTRONIC NOTE SERVICE IN	y; beb y: y: yice in an	
83/ United States of America	· PRI	09/818.085 26-Mar-2001			Pending	
	Owner Name: Classification: Agent Name: Title:	Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: John C. Stewart Title: SYSTEM AND METHOD FOR SET	ame: Classification Ref: ame: John C. Stewart Agent Ref: Title: SYSTEM AND METHOD FOR SET TOP BOX CHANNEL STATE FEEDBACK	Attorney(s): JCS Classification Ref: Agent Ref: X CHANNEL STATE FEEDBACK	y; JCS yf: yf: DBACK	
84/ United States of America	PRI	09/878.139 08-Jun-2001	02-0188958 12-Dec-2002		Published	
	Owner Name: Classification: Head End Agent Name: Christense Title: INTERAC	Owner Name: Hassification: Head End Agent Name: Christensen O'Connor Johnson Kindness Title: INTERACTIVE INFORMATION AGGR	nor Johnson Kindness FORMATION AGGREGA	Attorney(s): COJ Clussification Ref: Agent Ref:	Attorney(s); COJ tion: Head End Clussification Ref; ame: Christensen O'Connor Johnson Kindness Agent Ref; Tide: INTERACTIVE INFORMATION AGGREGATOR FOR AN INTERACTIVE THE EVISION SYSTEM	

(interactive tv event aggregator)

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Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	
85/ United States of America	PRI	09/813,773 20-Mar-2001	erkelde inkelden deligenster etterstelle frem speragelekternessenskapenses	The same and the s	Pending	
	Owner Name: Classification: Content Agent Name: Darby & Title: SYSTEN AUDIO	Owner Name: Jassification: Content Agent Name: Darby & Darby Tide: SYSTEMS AND MET AUDIO SIGNATURE	fume: **Gontent** **Content** **Content** **Landy & Darby** **Title: SYSTEMS AND METHODS FOR TRIGGERING AN EVENT BASED ON RECOGNITION OF AN AUDIO SIGNATURE**	Auorney(s): BEB Classification Ref: Agent Ref: AN EVENT BASED ON RECC	BEB RECOGNITION OF AN	
86/ United States of America	PRI	09/820,331 27-Mar-2001	02-0144264 03-0c1-2002	- Martin - Amerika - Ameri	Published	
	Owner Name: Classification: Agent Name: Title:	Owner Name: Classification: Electronic Programming Guide Agent Name: Stoel Rives LLP Title: PASSIVE PROGRAM COMPI GUIDE	iume: Classification Ref: ition: Electronic Programming Guide Classification Ref: Agent Ref: Title: PASSIVE PROGRAM COMPLETION STATUS INDICATOR FOR AN ELECTRONIC PROGRAM GUIDE	Attorney(s): SR Classification Ref: Agent Ref: NDICATOR FOR AN ELECT	SR FCTRONIC PROGRAM	
86.1/ United States of America	PRI	09/820.083 27-Mar-2001		:	Pending	
	Owner Name: Classification: Agent Name: Tide:	Owner Name: Classification: Electronic Programming Guide Agent Name: Stocl Rives LLP Title: PROGRAM COMPLETION S'	ing Guide ETION STATUS INDICATO	Attorney(s): SR Classification Ref: Agent Ref: STATUS INDICATOR FOR AN ELECTRONIC PROGRAM GUIDE	: SR C PROGRAM GUIDE	
88/ United States of America	PRO	60/251,501 05-Dec-2000	1		Abandoned 05-Dec-2001	
	Owner Name: Classification: Agent Name: Title:	Owner Name: Classification: E-Commerce Agent Name: Christensen O'Connor Johnson Kindness Title: METHOD AND SYSTEM FOR CONSO TOOLS INTERFACE	'ame: Classification Ref: Classification Ref: Agent Ref: Title: METHOD AND SYSTEM FOR CONSOLIDATED COMMERCE/COMMUNICATIONS/CONTENT TOOLS INTERFACE	Attorney(s): COJ Classification Ref: Agent Ref: COMMERCE/COMMUNICA	COJ NICATIONS/CONTENT	

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Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	
89/ United States of America	PRO Owner Name: Classification: Agent Name: Title:	PRO 60/261,676 12-Jan-2001 Owner Name: Classification: Set Top Box (Hardware and Agent Name: Stoel Rives LLP Title: HARDWARE DECODING INTERNET SOURCES	ware and Software) ODING OF MPEG VIDEO STI	Pending 12-Jan-2002 Attorney(s); SR Clussification Ref: Agent Ref: OF MPEG VIDEO STREAMS FROM CABLE TELEVISION AND	Pending 12-Jan-2002 SR SLEVISION AND	
89.1/ United States of America	ORD Owner Name: Classification: Agent Name: Title:	ORD 09/851.361 0 08-May-2001 1 Owner Name: Classification: Set Top Box (Hardware and Agent Name: Stoel Rives LLP Title: HARDWARE DECODING	09/851,361 02-0095689 Publ 08-May-2001 18-Jul-2002 Attorney(s): SR ution: Set Top Box (Hardware and Software) Clussification Ref: (ame: Stoch Rives LLP Agent Ref: Title: HARDWARE DECODING OF MEDIA STREAMS FROM MULTIPLE SOURCES	PARON MULTIPLE SOURC	Published SR RCES	
92/ United States of America	PRI 09/798.3 Owner Name: Classification: Content Agent Name: Christen Title: METHC	PRI 09/798.583 Owner Name: Stassification: Content Agent Name: Christensen O'Connor Johnson Kindness Title: METHOD AND SYSTEM VIDEO CASTING SYSTEM	09/798.583 'ame: dion: Content Classification Ref: 'ame: Christensen O'Connor Johnson Kindness Agent Ref: VIDEO CASTING SYSTEM VIDEO CASTING SYSTEM	Pc Attorney(s): COJ Classification Ref: Agent Ref: AATION ALERTS VIA AN IN	Pending COJ	
95/ United States of America	PRI Owner Name: Classification: Agent Name: Title:	PRI 09/877,549 02-0188948 08-Jun-2001 12-Dec-2002 Owner Name: Classification: Electronic Programming Guide Agem Name: Christensen O'Connor Johnson Kindness Title: SYSTEMS AND METHODS FOR AUTH	09/877,549 02-0188948 Published 08-Jun-2001 12-Dec-2002 Attorney(s): COJ witon: Electronic Programming Guide Clussification Ref: Agent Ref: Agent Ref: Agent Ref: Title: SYSTEMS AND METHODS FOR AUTOMATIC PERSONALIZING OF CHANNEL FAVORITES IN A SET TOP BOX (personalized auto-favorites with multiple views)	Pu Attorney(s): COJ Clussification Ref: Agent Ref: PERSONALIZING OF CHANN-	Published COJ ANNEL FAVORITES	

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Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	
96/ United States of America	PRI	09/843,296 25-Apr-2001	02-0162120 31-Oct-2002	er zige er zig	Published	
	Owner Name: Classification: Content Agent Name: Christen Title: APPAR.	Owner Name: Classification: Content Agent Name: Christensen O'Connor Johnson Kindness Title: APPARATUS AND METHOD TO PRO INTERACTIVE TELEVISION SYSTEM	fune: Hanney(s): COJ Hillon: Content Classification Ref: Agent Ref: Title: APPARATUS AND METHOD TO PROVIDE SUPPLEMENTAL CONTENT FROM AN INTERACTIVE TELEVISION SYSTEM TO A REMOTE DEVICE	Attorney(s): COJ Classification Ref: Arent Ref: UPPLEMENTAL CONTENT FR	J: COJ J: J: SNT FROM AN	
IPDN11-US/ United States of America	CON	09/670,357	The American of the second color of the second		Pending	
	Owner Name: Classification: Agent Name: David Loc Title: INFORMA	zo-sep-zooo :: :: David Lee :: INFORMATION DI	/ame: ntion: iame: David Lee Title: INFORMATION DISTRIBUTION SYSTEM	Attorney(s): DL. Classification Ref: Agent Ref:	y; DL y; y;	
IPDNI 5-US/ United States of America	CON Owner Name: Classification: Agent Name: Title:	CON 69/669.134 26-Sep-2000 26-Sep-2000 36-Sep-2000 Tassification: Agent Name: John C. Stewart Title: METHODS AND A	99/669.134 26-Sep-2000 26-Sep-2000 14-Oct-2003 27-Mar-2018 4100rep/(s): JCS 4100re 4100rep/(s): JCS 4100rep/	6,633,877 Gr 14-Oct-2003 27 Attorney(s): JCS Classification Ref: Agent Ref: ty OF SELECTED ELECTRON!	Granted 27-Mar-2018 9: JCS f: f: TRONIC WORKS AND	
IPDN20-US/ United States of America	PRI 09/837,112 18-Apr-200 Owner Name: Classification: Agent Name: SECURE I Title: SECURE I	09/837,112 18-Apr-2001 :: David Lee :: SECURE DIGITAL APPLICATIONS, A	99/837,112 Pending 18-Apr-2001 Attorney(s): DL Classification Ref: Agent Ref: Title: SECURE DIGITAL MEDICAL INTELLECTUAL PROPERTY (IP) DISTRIBUTION, MARKET APPLICATIONS, AND MOBILE DEVICES	P. Attorney(s): DL. Classification Ref: Agent Ref: L PROPERTY (IP) DISTRIBUT	Pending 9: DL f: f: RIBUTION, MARKET	

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Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	
P007/ United States of America	PRI Owner Name: Classification: Agent Name:	PRI 09/653.964 Owner Name: Classification: Set Top Box (Hardware and Agent Name: John C. Stewart Title: MULTIMEDIA AND COM	09/653.964 01-Sep-2000 Atton tilon: Set Top Box (Hardware and Software) Classificati (ame: John C. Stewart Title: MULTIMEDIA AND COMPUTING SYSTEM (home media server)	Pe Attorney(s): JCS Classification Ref: Agent Ref: (home media server)	Pending JCS	
P008/ United States of America	PRI Owner Name: Classification: Agent Name: Title:	PRI 09/654,317 01-Sep-2000 Owner Name: Classification: Set Top Box (Hardware and Agent Name: Thomas C. Webster Title: SYSTEM AND METHOD (smart buffering)	ire and Software)	Pending Attorney(s): TW Classification Ref: Agent Ref: FOR INTELLIGENT BUFFERING AND BANDWIDTH ALLOCATION	Pending TW WIDTH ALLOCATION	
P009/ United States of America	PRI Owner Name: Classification: Agent Name: Tide:	PRI 09/721,556 22-Nov-2000 Owner Name: Classification: Set Top Box (Hardware and Agent Name: John C. Stewart Title: APPARATUS AND METH DISTRIBUTION	ire and Software)	Pending Attorney(s): JCS Software) Classification Ref: Agent Ref: OD FOR INTELLIGENT MULTIMEDIA COMPRESSION AND	Pending JCS IRESSION AND	
P010/ United States of America	PRI Owner Name: Classification: Agent Name: Title:	PRI 09/755.517 0 Owner Name: Classification: Set Top Box (Hardware and Agent Name: Thomas C. Webster Title: SELECTABLE MODE MU	02-0091866 11-Jul-2002 ire and Software)	09/755.517 02-0091866 6,813,643 Gi 05-Jan-2001 11-Jul-2002 02-Nov-2004 05 4 Horney(s): TW Hardware and Software) Classification Ref: Agent Ref:	Granted 05-Jan-2021 TW	

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Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date	
P011/ United States of America	PRI	09/792,019 20-1'cb-2001	And the second distribution of the second se		Pending	
5 0 \	Owner Name: Classification: Agent Name: Title:	Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Thomas C. Webster Title: SYSTEM AND METHOD FOR RENI formatting)	: and Software) OD FOR RENDIERING G	fame: ution: Set Top Box (Hardware and Software) Ution: Set Top Box (Hardware and Software) Classification Ref: Agent Ref: Title: SYSTEM AND METHOD FOR RENDERING GRAPHICS AND VIDEO ON A DISPLAY (graphic formatting)	rW A DISPLAY (graphic	
P013/ United States of America	PRI	09/791,474 22-Feb-2001	02-0113827 22-Aug-2002	en e	Published	dens of a facility of the second seco
90 \	Owner Name: Classification: Agent Name: Title:	Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: John C. Stewart Title: APPARATUS AND METHOD FOR S	'ame: ttion: Set Top Box (Hardware and Software) 'ame: John C. Stewart Title: APPARATUS AND METHOD FOR SELECTING DATA	Attorney(s): JCS Classification Ref: Agent Ref: 5 DATA	CS	
P013X/ United States of America	CIP	09/818,175 26-Mar-2001	ANGELIANA - ANGELO - LET TO DE TRANSPORTA - ANGELO - ANGE		Pending	Annani - Halifeld Arraman anna
00,	Owner Name: Classification: Agent Name: Title:	Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Thomas C. Webster Title: APPARATUS AND METHOD FOR S	<i>taine: tion:</i> Set Top Box (Hardware and Software) <i>(ame:</i> Thomas C. Webster <i>Title:</i> APPARATUS AND METHOD FOR SELECTING DATA	Attorney(s): TW Classification Ref: Agent Ref: 5 DATA	Α.	
P016/ United States of America	PRI	09/848,118 02-May-2001			Pending	: !
90 \	Owner Name: Classification: Agent Name: Title:	Owner Name: Classification: Set Top Box (Hardware and Software) Agent Name: Thomas C. Webster Title: APPARATUS AND METHOD FOR C	: and Software) ETHOD FOR COMPRESS	<pre>// Attorney(s): TW // Classification Ref: // Agent Ref: // Title: APPARATUS AND METHOD FOR COMPRESSING VIDEO (MPEG Scaling)</pre>	M. (5	

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Case Number/Subcase Country Name	Case Type	Application Number/Date	Publication Number/Date	Patent Number/Date	Status Expiration Date
P017/ United States of America	PRI Owner Name: Classification: Agent Name: Title:	PR1 09/734,535 11-Dec-2000 Owner Name: Classification: Set Top Box (Hardware and Agent Name: Thomas C. Webster Title: DEMAND DMA	and Software)	Paragrama (1975); TW Classification Ref: Agent Ref:	Pending FW
P018/ United States of America	PRI Owner Name: Classification: Agent Name: Title:	PRI 09/734,529 11-Dec-2000 Owner Name: Classification: Set Top Box (Hardware and Agent Name: Thomas C. Webster Title: SERIAL REQUEST HANDI	09/734,529 11-Dec-2000 mne: mion: Set Top Box (Hardware and Software) ame: Thomas C. Webster Title: SERIAL REQUEST HANDLER (request handler)	Pr. Attorney(s): TW Classification Ref: Agent Ref:	Pending FW
P019/ United States of America	PRI Owner Name: Classification: Agent Name: Title:	PRI 09/784,274 13-Feb-2001 Owner Name: Classification: Set Top Box (Hardware and Agent Name: Thomas C. Webster Title: METHOD AND APPARAT (shared bus)	09/784,274 13-Feb-2001 Attorney(s): TW Attorney(s): TW	Attorney(s): TW Classification Ref: Agent Ref: ATE IN A SHARED BUS AR	Allowed TW ARCHITECTURE
P020/ United States of America	PRI Owner Name: Classification: Agent Name: Title:	PRI 69/795.276 27-Feb-2001 Owner Name: Classification: Set Top Box (Hardware and Agent Name: Thomas C. Webster Title: METHOD AND APPARAT	99/795,276 'ame: Attorney(s): TW Attorney(s): TW Title: METHOD AND APPARATUS FOR OPTIMIZING MEMORY ACCESS (memory access)	P. Attorney(s): TW Classification Ref: Agent Ref: MEMORY ACCESS (memor	Pending I'W mory access)

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Case Application Publication Patent Country Name Type Number/Date Number/Date P0224 PRI 09/66/9,619 Attorne P0224 PRI 09/66/9,619 Attorne Classification: 25-Sep-2000 Attorne Classification: Set Top Box (Hardware and Software) Classification Agent Name: John C. Stewart Agent Title: METHOD AND APPARATUS FOR TRANSFERRING DATA PP023/ PRI 09/669,618 United States of America 25-Sep-2000 Attorne Classification: Classification Agent Title: METHOD AND APPARATUS FOR QUEUING DATA (queuing data) P026/ ORD 09/784,828 6.498,754 United States of America Orner Name: 15-Feb-2001 24-Dec-2002 Owner Name: Classification: Classification: 24-Dec-2002 Owner Name: Title: MEMORY ARRAY ORGANIZATION FOR STATIC ARRAYS P066/ PRI 09/709,005 United States of America 08		
States of America Owner N Classifica Agent N Classifica Agent N Classifica Agent N Classifica Agent N Classifica PRI	Patent Number/Date	Status Expiration Date
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Owner N Classifica Agent N States of America Owner N Classifica Agent N PRI		Pending
ORD 09/784,828 15-Feb-2001 Owner Name: Classification: Satellite Agent Name: Thomas C. Webster Title: MEMORY ARRAY ORGANIZATION FOR STATIC PRI 09/709,005	Attorney(s): TW Classification Ref: Agent Ref: DATA (queving data)	ΓW
1 States of America Owner Name: Classification: Satellite Agent Name: Thomas C. Webster Title: MEMORY ARRAY ORGANIZATION FOR STATIC PRI 09/709,005 1 States of America 08-Nov-2000	6.498,754	Granted
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PRI States of America	Agent Ref.	
	•	Allowed
Owner Name: Classification: Not Classified Agent Name: Thomas C. Webster Title: ERROR CORRECTION WITH LIMITED WORKING STORAGE	Attorney(s): TW Classification Ref: Agent Ref: KING STORAGE	L'W

